

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A hybrid-powered vehicle comprising:  
an internal combustion engine;  
a torque converter having an input shaft connected to an output shaft of said internal combustion engine;  
a multistage transmission connected to an output shaft of said torque converter;  
a motor-generator;  
a storage battery; and  
a converter circuit for bidirectionally transmitting electric energy between said storage battery and said motor-generator and a program control circuit for controlling said converter circuit,  
said motor-generator having a rotary shaft connected to an output shaft side of said torque converter,  
said program control circuit including control means for saddling said motor-generator with torque for an axle of said vehicle during a time period in which a slip occurs in said torque converter in a shifting process of said multistage transmission during a running of said vehicle.
2. (Original) The hybrid-powered vehicle as claimed in claim 1, wherein said control means includes means for operating said motor-generator as a motor during a time period from a time instance at which a slip is detected under a condition that rotation speed of said output shaft of said torque converter is lower than rotation speed of said input shaft of said torque converter to a time instance at which said torque converter is locked up.
3. (Original) The hybrid-powered vehicle as claimed in claim 1, wherein said control means includes means for operating said motor-generator as a generator during a time period from a time instance at which a slip is detected under a condition that rotation speed of said output shaft of said torque converter is higher than rotation speed of said input shaft of said torque converter to a time instance at which said torque converter is locked up.

4. (Original) The hybrid-powered vehicle as claimed in claim 1, wherein said torque converter is a hydraulic torque converter.